## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

MENDED REPORT

DIVISION OF OIL, GAS AND MINING  AMENDED REPORT  DIVISION OF OIL, GAS AND MINING																
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER NBU 1022-5C4BS						
2. TYPE OF WORK  DRILL NEW WELL REENTER P&A WELL DEEPEN WELL										3. FIELD OR WILDCAT  NATURAL BUTTES						
4. TYPE OF WELL  Gas Well Coalbed Methane Well: NO										5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES						
6. NAME OF OPERATOR  KERR-MCGEE OIL & GAS ONSHORE, L.P.										7. OPERATOR PHONE 720 929-6515						
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217										9. OPERATOR E-MAIL julie.jacobson@anadarko.com						
	AL LEASE NUM _, INDIAN, OR S				11. MINERAL OWNERSHIP FEDERAL I INDIAN STATE FEE					12. SURFACE OWNERSHIP  FEDERAL INDIAN STATE FEE						
13. NAME	OF SURFACE		14. SURFACE OWNER PHONE (if box 12 = 'fee')													
15. ADDR	ESS OF SURFA		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')													
	N ALLOTTEE O	R TRIBE NAME			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS					19. SLANT						
(if box 12	! = 'INDIAN')				YES (Submit Commingling Application) NO					VERTICAL DIRECTIONAL HORIZONTAL						
20. LOCATION OF WELL					DOTAGES		R-QTR	SECTION		TOWNSHIP	RANGE		MERIDIAN			
LOCATION AT SURFACE 1241				FNL 259	NL 2597 FWL		IENW	5		10.0 S	22.0 E		s			
Top of Uppermost Producing Zone 1081 F				FNL 214	NL 2140 FWL		IENW	5		10.0 S	22.0 E		S			
					NL 2140 FWL		IENW	5		10.0 S	22.0 E		S			
21. COUN	ITY	UINTAH			STANCE TO NEA	50	06			23. NUMBER OF ACRE	S IN DRI 57		Т			
25. DISTANCE TO NEAREST V (Applied For Drilling or Com										<b>26. PROPOSED DEPTH</b> MD: 10379 TVD: 10354						
27. ELEVATION - GROUND LEVEL 5184					28. BOND NUMBER WYB000291					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496						
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String	Hole Size	Casing Size	Length	Weight	Grade & T	hread	Max Mu	ud Wt.	Cement			Sacks	Yield	Weight		
Surf	11	8.625	0 - 2570	28.0	J-55 LT	Г&С	0.2		Type V Class G			180 270	1.15	15.8 15.8		
Prod	7.875	4.5	0 - 10379	11.6	HCP-110	LT&C	12.5		Premium Lite High Strength			320	3.38	12.0		
										50/50 Poz		1500	1.31	14.3		
ATTACHMENTS																
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES																
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN								
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER									
<b>I</b> DII	DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)								TOPOGRAPHICAL MAP							
NAME G	na Becker		TITLE	TITLE Regulatory Analyst II				PHON	PHONE 720 929-6086							
SIGNATURE					DATE 02/06/2013				EMAIL	EMAIL gina.becker@anadarko.com						
	ber assigned 047535810	0000		APPROVAL					Bo	2029/11						
					Permit Manager											

